

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|---|------|-----|------|---|--|---------------------|
| 1 | BRS | L1 | 0 | 10/712066 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:07 |
| 2 | BRS | L2 | 4573 | (ceramic\$2 same (tape film\$3 jaket\$3 coat\$4 ferrule\$1)) same coupl\$4 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:16 |
| 3 | BRS | L3 | 1939 | (fibers fibres waveguides second adj1 (fiber fibre waveguide)) near11 coupl\$4 same (fibers fibres waveguides (second adj1 (fiber fibre waveguide))) near7 fus\$5 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:38 |
| 4 | BRS | L4 | 2 | (ceramic\$2 same (tape film\$3 jaket\$3 coat\$4 ferrule\$1)) same negative adj2 ((thermal\$3 adj1 expan\$5) cte) same coupl\$4 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:24 |
| 5 | BRS | L5 | 0 | (ceramic\$2 near7 (tape film\$3 jaket\$3 coat\$4 ferrule\$1)) near7 negative adj2 ((thermal\$3 adj1 expan\$5) cte) same coupl\$4 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:25 |

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| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|--|--|---------------------|
| 6 | BRS | L6 | 2 | (ceramic\$2 near7 (tape film\$3 jaket\$3 coat\$4 ferrule\$1)) near7 negative adj2 ((thermal\$3 adj1 expan\$5) cte) | US-PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:29 |
| 7 | BRS | L7 | 38 | (ceramic\$2 near7 (material\$1 tap\$3 film\$3 jaket\$3 coat\$4 ferrule\$1)) near4 negative adj2 ((thermal\$3 adj1 expan\$5) cte) | US-PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:41 |
| 8 | BRS | L8 | 0 | (ceramic\$2 near7 (material\$1 tap\$3 film\$3 jaket\$3 coat\$4 ferrule\$1)) near4 negative adj2 ((thermal\$3 adj1 expan\$5) cte) same coupl\$4 | US-PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:30 |
| 9 | BRS | L9 | 0 | (ceramic\$2 near7 (material\$1 tap\$3 film\$3 jaket\$3 coat\$4 ferrule\$1)) near4 negative adj2 ((thermal\$3 adj1 expan\$5) cte) same ferrule\$1 | US-PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:42 |
| 10 | BRS | L10 | 0 | (ceramic\$2 near7 (material\$1 tap\$3 film\$3 jaket\$3 coat\$4 ferrule\$1)) near4 negative adj2 ((thermal\$3 adj1 expan\$5) cte) same jaket\$3 | US-PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:42 |

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|----|------|-----|------|--|--|---------------------|
| 11 | BRS | L11 | 2 | (ceramic\$2 near7 (material\$1 tap\$3 film\$3 jaket\$3 coat\$4 ferrule\$1)) near4 negative adj2 ((thermal\$3 adj1 expans\$5) cte) same tub\$4 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:44 |
| 12 | BRS | L12 | 2 | (ceramic\$2 near7 (material\$1 tap\$3 film\$3 jaket\$3 coat\$4 ferrule\$1)) near4 negative adj2 ((thermal\$3 adj1 expans\$5) cte) same fus\$4 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:44 |
| 13 | BRS | L13 | 3735 | coupler\$1 near12 fus\$5 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:50 |
| 14 | BRS | L14 | 0 | (ferrule tub\$3 jacket\$3 tap\$3) near7 negative adj2 ((thermal\$3 adj1 expans\$5) cte) near7 (coupl\$4 fus\$4) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:53 |
| 15 | BRS | L15 | 0 | (ferrule tub\$3 jacket\$3 tap\$3) near7 negative adj2 ((thermal\$3 adj1 expans\$5) cte) same (coupl\$4 fus\$4) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 14:54 |

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| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|--|--|---------------------|
| 16 | BRS | L16 | 3 | (ferrule\$1 tub\$4 jacket\$3 tap\$3) near7 negative near5 ((thermal\$3 adj1 expans\$5) cte) same (coupl\$4 fus\$4) | US-PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:07 |
| 17 | BRS | L17 | 52 | (ferrule\$1 tub\$4 jacket\$3 tap\$3) near11 negative near5 ((thermal\$3 adj1 expans\$5) cte) | US-PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 17:34 |
| 18 | BRS | L18 | 0 | 3 and 17 | US-PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:08 |
| 19 | BRS | L19 | 29 | 17 and coupl\$3 | US-PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:09 |
| 20 | BRS | L20 | 19 | 17 and coupl\$3 same (ferrule\$1 tub\$4 jacket\$3 tap\$3) | US-PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:10 |

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|----|------|-----|------|--|--|---------------------|
| 21 | BRS | L21 | 5 | 17 and coupl\$3 same (ferrule\$1 tub\$4 jacket\$3 tap\$3) same (fiber\$1fibr\$1 waveguide\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:01 |
| 22 | BRS | L22 | 0 | (fibers fibres waveguides second adj1 (fiber fibre waveguide)) near7 fus\$4 same (fiber\$1 fibre\$1) near7 positiv\$3 near5 ((therm\$3 adj1 expans\$4) cte\$1) same (ferrul\$3 tub\$4) near7 (fill\$4 resin\$3 epox\$5 inject\$4) same coupler\$1 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:47 |
| 23 | BRS | L23 | 1656 | (fibers fibres waveguides second adj1 (fiber fibre waveguide)) near7 fus\$4 same coupler\$1 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:48 |
| 24 | BRS | L24 | 0 | (fiber\$1 fibre\$1) near7 positiv\$3 near5 ((therm\$3 adj1 expans\$4) cte\$1) same (ferrul\$3 tub\$4) near7 (fill\$4 resin\$3 epox\$5 inject\$4) same coupl\$1 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:49 |
| 25 | BRS | L25 | 123 | (fiber\$1 fibre\$1) near7 positiv\$3 near5 ((therm\$3 adj1 expans\$4) cte\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:53 |

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| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|---|--|---------------------|
| 26 | BRS | L26 | 141 | (fiber\$1 fibre\$1 fus\$4 coupl\$3) near7 positiv\$3 near5 ((therm\$3 adj1 expan\$4) cte\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 16:00 |
| 27 | BRS | L27 | 2118 | (ferrul\$3 tub\$4) near7 (fill\$4 resin\$3 epox\$5 inject\$4) near7 (fus\$3 coupl\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:55 |
| 28 | BRS | L28 | 0 | 23 and 25 and 26 and 27 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:54 |
| 29 | BRS | L29 | 142 | (fiber\$1 fibre\$1 fus\$4 coupl\$4) near7 positiv\$3 near5 ((therm\$3 adj1 expan\$4) cte\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:55 |
| 30 | BRS | L30 | 0 | 23 and 29 and 26 and 27 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:54 |

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| 26 | | | |
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| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|--|--|---------------------|
| 31 | BRS | L31 | 11 | 23 and 27 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 15:55 |
| 32 | BRS | L32 | 4 | 31 and (fill\$4 resin\$3 epox\$5 inject\$4) near7 (fus\$3 coupl\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 16:17 |
| 33 | BRS | L33 | 4 | 23 and 26 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 16:00 |
| 34 | BRS | L34 | 69 | 23 and (fill\$4 resin\$3 epox\$5 inject\$4) near7 (fus\$3 coupl\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 16:17 |
| 35 | BRS | L35 | 54 | 23 and (fill\$4 resin\$3 epox\$5 inject\$4) near7 (fus\$3 coupl\$1) same coupler\$1 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 16:18 |

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| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|--|--|---------------------|
| 36 | BRS | L36 | 10 | 35 and (cte\$1 (therm\$4 near5 expan\$5)) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 17:32 |
| 37 | BRS | L37 | 3 | 36 and (athermal\$4 compensat\$4 near12 therm\$4 negativ\$3) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 16:55 |
| 38 | BRS | L38 | 9 | 35 and (athermal\$4 compensat\$4 near12 therm\$4 negativ\$3) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 16:55 |
| 39 | BRS | L39 | 7 | 36 not 38 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 16:59 |
| 40 | BRS | L40 | 6 | 38 not 36 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 17:02 |

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| 36 | | | |
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|----|------|-----|------|---|--|---------------------|
| 41 | BRS | L41 | 70 | coupl\$6 same negative near5 ((thermal\$3 adj1 expans\$5) cte) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 17:34 |
| 42 | BRS | L42 | 10 | 23 and 41 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 17:47 |
| 43 | BRS | L43 | 0 | epox\$5 near5 (coat\$5 fill\$5) near4 coupl\$4 near5 (equal negative positive zero) near5 ((thermal\$4 near4 expans\$5) cte\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:24 |
| 44 | BRS | L44 | 0 | apox\$5 near5 (coat\$5 fill\$5) near4 coupl\$4 near5 (equal negative positive zero) near5 ((thermal\$4 near4 expans\$5) cte\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:24 |
| 45 | BRS | L45 | 0 | epox\$5 near5 (coat\$5 fill\$5) near4 (fus\$4 coupl\$4) near5 (equal negative positive zero) near5 ((thermal\$4 near4 expans\$5) cte\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:26 |

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| 41 | | | |
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| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|--|--|---------------------|
| 46 | BRS | L46 | 3 | epox\$5 near5 (equal negative positive zero) near5 ((thermal\$4 near4 expans\$5) cte\$1) same coupl\$4 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:32 |
| 47 | BRS | L48 | 2 | epox\$5 near5 (zero) near5 ((thermal\$4 near4 expans\$5) cte\$1) same optical | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:39 |
| 48 | BRS | L47 | 7 | epox\$5 near5 (zero) near5 ((thermal\$4 near4 expans\$5) cte\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:42 |
| 49 | BRS | L49 | 12 | epox\$5 near5 (positive) near5 ((thermal\$4 near4 expans\$5) cte\$1) | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:42 |
| 50 | BRS | L50 | 0 | epox\$5 near5 (positive) near5 ((thermal\$4 near4 expans\$5) cte\$1) same coupler | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:42 |

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| 46 | | | |
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| 51 | BRS | L51 | 0 | epox\$5 near5 (positive) near5 ((thermal\$4 near4 expans\$5) cte\$1) same coupl\$3 | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:43 |
| 52 | BRS | L52 | 1 | epox\$5 near5 (positive) near5 ((thermal\$4 near4 expans\$5) cte\$1) same optical | US- PGPUB; USPAT; EPO; JPO; DERWEN T | 2005/06/15 18:43 |

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| 51 | | | |
| 52 | | | |